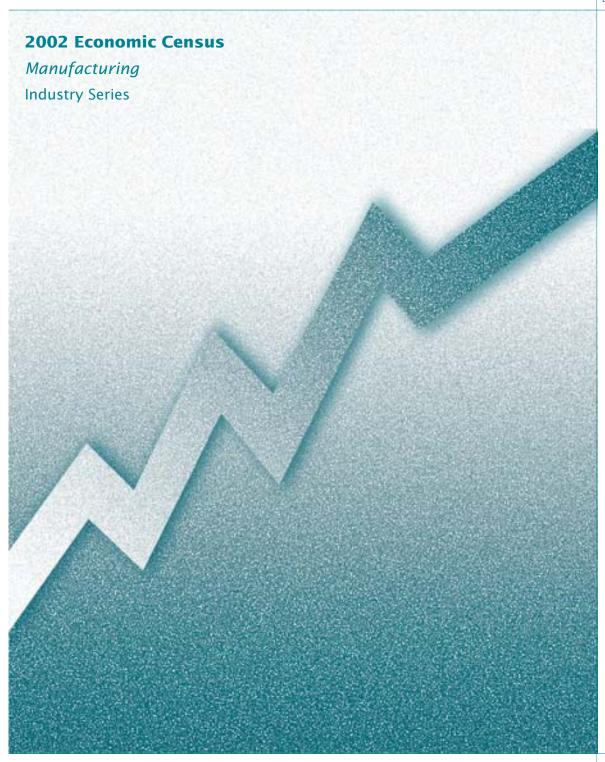
Vehicular Lighting Equipment Manufacturing: 2002

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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All	All employees		Production workers				Total	Total	Total capital
Industry and year ¹	Com- panies ²	estab- lish- ments ³	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)		expendi- tures (\$1,000)
336321, Vehicular lighting equipment											
manufacturing	88	95 N	15 169	662 931	11 611	22 341	455 012	1 593 006	1 447 847	3 028 010	r103 869
2001	N N	N N	14 665 15 055	640 350 646 218	10 913 11 135	21 079 22 467	413 094 422 033	1 354 040 1 549 051	1 390 238 1 433 008	2 779 756 2 991 940	76 467 83 351
1999	N	N	17 233	681 882	12 954	26 671	471 551	1 709 582	1 557 389	3 312 655	93 612
1998 1997	N 99	N 107	15 660 16 624	603 249 631 881	12 109 12 990	24 232 26 628	430 755 445 699	1 494 845 1 612 341	1 641 398 1 714 351	3 137 546 3 336 152	117 262 169 380

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area		All establishments ²		All employees		Production workers						
		Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	
336321, Vehicular lighting equipment manufacturing												
United States. California Indiana Michigan. Missouri	2	95 11 11 9 3	53 3 7 7 3	15 169 186 4 056 1 167 832	662 931 7 418 183 550 47 287 25 374	11 611 146 2 977 1 001 552	22 341 273 5 562 1 758 946	455 012 4 542 128 379 28 844 8 728	1 593 006 14 716 360 150 128 595 74 095	1 447 847 9 905 238 049 142 023 65 685	3 028 010 24 022 591 862 269 650 140 959	r103 869 r657 r7 371 r20 130 3 953

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

ltem	Value
336321, Vehicular lighting equipment manufacturing	
Companies ¹ number .	88
All establishments ²	95 42 26 27
All employees³ number. Total compensation \$1,000. Annual payroll \$1,000. Total fringe benefits \$1,000.	15 169 850 460 662 931 187 529
Production workers, average for year	11 611 11 333 11 518 11 683 11 900
Production worker hours	22 341 455 012
Total cost of materials \$1,000. Materials, parts, containers, packaging, etc., used \$1,000. Resales \$1,000. Purchased fuels \$1,000. Purchased electricity \$1,000. Contract work \$1,000.	1 447 847 1 323 818 69 753 6 633 28 383 19 260
Quantity of electricity purchased for heat and power	565 112 288
Total value of shipments \$1,000. Primary products value of shipments \$1,000. Secondary products value of shipments \$1,000. Total miscellaneous receipts \$1,000. Value of resales \$1,000. Contract receipts \$1,000. Other miscellaneous receipts \$1,000.	3 028 010 2 407 922 521 407 98 681 76 861 D
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industries \$1,000.	82 2 423 826 2 407 922 15 904
Coverage ratiopercent	99
Value added\$1,000	1 593 006
Total inventories, beginning of year \$1,000 Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000	233 504 44 681 43 040 145 783
Total inventories, end of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	243 420 55 740 44 824 142 856
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000 Total capital expenditures (new and used) \$1,000 Buildings and other structures (new and used) \$1,000 Machinery and equipment (new and used) \$1,000 Automobiles, trucks, etc., for highway use \$1,000 Computers and peripheral data processing equipment \$1,000 All other expenditures for machinery and equipment \$1,000 Total retirements \$1,000 Gross value of depreciable assets at end of year \$1,000	'1 169 890 '103 869 '12 072 '91 797 '1 374 '4 455 '85 968 '37 107 '1 236 652
Depreciation charges during year\$1,000	r81 466
Total rental payments \$1,000 Buildings and other structures \$1,000 Machinery and equipment \$1,000	15 810 8 174 7 636
Total other expenses ⁴ \$1,000. Response coverage ratio ⁵ percent. Repair and maintenance services of buildings and/or machinery ⁴ \$1,000. Communications services ⁴ \$1,000. Legal services ⁴ \$1,000. Accounting, auditing, and bookkeeping services ⁴ \$1,000. Advertising and promotional services ⁴ \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ \$1,000. Refuse removal (including hazardous waste) services ⁴ \$1,000. Management consulting and administrative services ⁴ \$1,000. Taxes and license fees ⁴ \$1,000. All other expenses ⁴ \$1,000.	100 371 84 21 336 1 433 1 586 663 1 853 690 2 329 4 885 7 176 58 422

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on 2002 Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class			All employees		Pr	oduction worke	rs		Total	Total	Total
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	capital expendi- tures (\$1,000)
336321, Vehicular lighting equipment manufacturing											
All establishments	-	95	15 169	662 931	11 611	22 341	455 012	1 593 006	1 447 847	3 028 010	r103 869
1 to 4 employees. 5 to 9 employees. 10 to 19 employees. 20 to 49 employees 50 to 99 employees 100 to 249 employees 250 to 499 employees 500 to 999 employees 1,000 to 2,499 employees	9 5 - - - - - -	34 4 4 13 13 10 8 5	77 27 51 457 886 1 331 2 719 3 723 5 898	4 301 1 276 1 894 17 533 31 624 42 540 87 387 156 366 320 010	57 19 34 329 637 985 1 814 3 087 4 649	102 30 59 632 1 249 1 980 3 425 5 232 9 632	2 912 822 1 110 8 436 16 816 26 839 37 817 116 849 243 411	9 612 2 652 5 144 43 290 76 365 150 433 239 144 388 029 678 337	10 089 2 870 4 247 36 415 44 000 76 770 219 379 427 316 626 761	19 701 5 522 9 449 77 865 121 266 227 937 453 990 808 468 1 303 812	'564 '627 '5 486 '3 880 '13 328 13 111 '49 830 16 843
2,500 employees or more	-	_	-	-	-	-	-	-	-	-	_
Administrative records ⁴	9	35	85	4 775	62	113	3 237	10 667	11 223	21 890	^r 697

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All	All employees		Pr	oduction work	ers		Total	Total	Total capital
		estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
336321	Vehicular lighting equipment manufacturing	95	15 169	662 931	11 611	22 341	455 012	1 593 006	1 447 847	3 028 010	r103 869
3363210	Vehicular lighting equipment	95	15 169	662 931	11 611	22 341	455 012	1 593 006	1 447 847	3 028 010	r103 869

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product shipments		
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)	
336321	Vehicular lighting equipment manufacturing	N N	X	X	2 423 826 2 724 873	
3363210	Vehicular lighting equipment	N N	X X	X X	2 423 826 2 724 873	
33632101	Vehicular lighting equipment, electric (including parts and accessories)	N	X	×	2 405 669 2 697 422	
3363210101	Automobile lighting equipment (excluding emergency lighting and headlights)	46	X	X	1 063 206	
3363210102	Truck lighting equipment (excluding emergency lighting and headlights)	N 11	X	X X	N 404 810	
3363210103	Emergency vehicle lighting (autos and trucks)	N 13	X) X X	290 077	
3363210104	1997 Headlights (autos and trucks)	10 N	X	X X	647 576 N	
3363210Y	Vehicular lighting equipment, nsk, total	N N	X) X	18 157 27 451	
3363210YWW	Vehicular lighting equipment, nsk, for nonadministrative- record establishments	N N	X	×	2 214	
3363210YWY	Vehicular lighting equipment, nsk, for administrative-record establishments	N N N	X	X	18 157 25 237	

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
336321	Vehicular lighting equipment manufacturing		
00900001	Total materials	X	1 323 818
33531100	Specialty transformers and fluorescent ballasts	X	1 523 445 3 709
33593101	Current-carrying wiring devices	X X X X X	4 127 130 344 89 003
33511001	Electric lamp bulbs	X	111 006 96 831
32721101	Flat glass (plate, float, and sheet)	Ŷ	1 081
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc	X X X X X	1 496 224 161 287 587
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes	×	81 702 24 605
32610011	Fabricated plastics products (excluding gaskets)	ŝ	121 025
331000A7	Insulated wire and cable (including magnet wire)	X X X X X X	138 778 27 775 25 438
32221001	Paperboard containers, boxes, and corrugated paperboard	X	33 868 62 270
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	ŝ	52 917
33299903	Metal poles	X X X X X	50 374 D D
33200027	All other fabricated metal products (excluding forgings)	X	66 501 35 669
33151001	Iron and steel castings (rough and semifinished)	Ŷ	D D
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished)	X X X X X	2 676 4 830
33152003	Other nonferrous metal castings, rough and semifinished (including aluminum and aluminum-base alloy)	X	D
33120016	Steel sheet and strip (including tinplate)	X	D 2 078
33120025	Steel wire and wire products	X X X X X	N 727
00120020	1997.	â	D 727
33120097	All other steel mill shapes and forms (excluding castings and forgings)	X	2 202
33131500	Aluminum and aluminum-base alloy sheet, plate, foil, and welded tubing	X X	D 4 255
33131601	Aluminum and aluminum-base alloy extruded shapes (extruded rod, bar, pipe, tube, etc.)	X X X X X	N 4 515 N
33100049	Other aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, sheet, plate, foil, welded tubing, extruded shapes, and fabricated metal products)	X X	2 287 D
33142111	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	X X X	D
33100082	Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and		817
	copper and copper-base alloy castings, forgings, and fabricated metal products)	X X	D N
33512100	Lamp shades	X	D D
00970099	All other materials and components, parts, containers, and supplies	X	222 282 583 839
00971000	Materials, ingredients, containers, and supplies, nsk	X X X X X X	163 890 66 844

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.